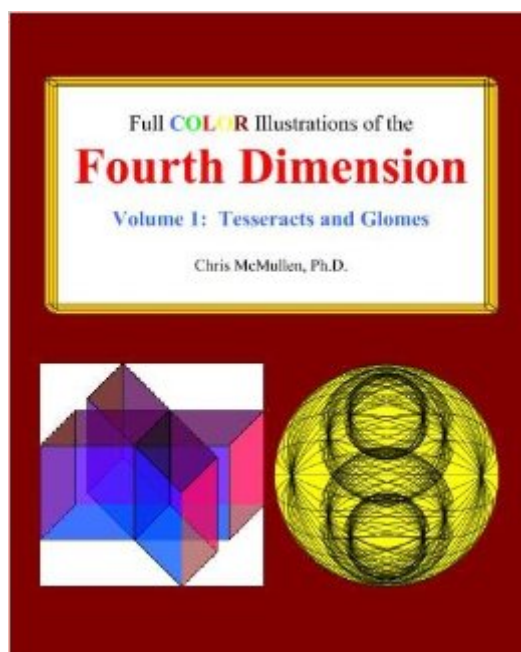


The book was found

Full Color Illustrations Of The Fourth Dimension, Volume 1: Tesseracts And Glomes



Synopsis

These full-color illustrations on 8"x10" pages are at once aesthetically captivating and instructive. Each page consists of colorful images of tesseracts (4D hypercubes) or glomes (4D hyperspheres) with a paragraph caption describing the figures at the bottom. Color is used effectively to show how to visualize the features of tesseracts and glomes, how to draw tesseracts in perspective, how a tesseract unfolds, how the features of tesseracts and glomes change as they rotate, how to find the intersection of a tesseract or glome with a hyperplane, how hyperspherical coordinates are defined, how to understand hypercompass directions, and how to draw longitudes, hyperlatitudes, and latitudes. Rectangular hyperboxes and a hyperellipsoid are also shown. Subsequent volumes of this series will build upon these fundamental 4D objects to help you imagine features of a 4D world such as a hyperchair, a hypercross, a hyperpyramid, a hyperhouse, crystal structures, and simple hypermachines.

Book Information

Paperback: 40 pages

Publisher: CreateSpace Independent Publishing Platform (June 2, 2009)

Language: English

ISBN-10: 1442141638

ISBN-13: 978-1442141636

Product Dimensions: 8 x 0.1 x 10 inches

Shipping Weight: 5 ounces (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #731,068 in Books (See Top 100 in Books) #28 inÂ Books > Science & Math > Mathematics > Geometry & Topology > Non-Euclidean Geometries #90 inÂ Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #6412 inÂ Books > Arts & Photography > Drawing

Customer Reviews

Very nice illustrations. Still very hard to visualize the 4th dimension.

Not the best quality book or layout but the points are clear.

Excellent book!

[Download to continue reading...](#)

Full Color Illustrations of the Fourth Dimension, Volume 1: Tesseracts and Glomes The Visual Guide to Extra Dimensions: The Physics Of The Fourth Dimension, Compactification, And Current And Upcoming Experiments Mathematical Carnival: From Penny Puzzles, Card Shuffles and Tricks of Lightning Calculators to Roller Coaster Rides into the Fourth Dimension The Visual Guide to Extra Dimensions: Visualizing The Fourth Dimension, Higher-Dimensional Polytopes, And Curved Hypersurfaces The Fourth Dimension and Non-Euclidean Geometry in Modern Art (Leonardo Book Series) July Fourth Cheer: A Rhyming Picture Book for Children about the Fourth of July, July 4th Cheer and Family Fun on the Fourth of July Orvis Fly-Fishing Guide, Completely Revised and Updated with Over 400 New Color Photos and Illustrations Color Zen Adult Coloring Book 2: Easy Breezy Garden Patterns (Color Zen Adult Coloring Books) (Volume 2) Thermodynamics With Quantum Statistical Illustrations. Monographs in Statistical Physics and Thermodynamics, Volume 2 The Cuisinart Griddler Cookbook: Simply Delicious Indoor Grill Meals in 15 Min (Full Color) (Indoor Grill Recipes) (Volume 1) Life Behind Barbed Wire: The Secret World War II Photographs of Angelo M. Spinelli (World War II: The Global, Human, and Ethical Dimension) Chassidic Dimensions: Themes in Chassidic Thought and Practice (Mystical Dimension, Vol. 3) Exploring the Fifth Dimension: Parallel Universes, Teleportation and Out of Body Travel Beyond the Third Dimension: Geometry, Computer Graphics, and Higher Dimensions (Scientific American Library) Fractals--Seeing Nature's Hidden Dimension: An Interactive Book for Children and their Parents Hyperspace: A Scientific Odyssey Through Parallel Universes, Time Warps, and the 10th Dimension Bead Embroidery The Complete Guide: Bring New Dimension to Classic Needlework The Spiritual Dimension of Therapeutic Touch Killer Sudoku 1: The Deadly New Dimension Orthodontics in the Vertical Dimension: A Case-Based Review

[Dmca](#)